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### **Flight Report**

<b>Aircraft :</b>	DC-8 N817 NA
<b>Operating Site(s) From / To :</b>	KFLL to KFLL
<b>Flight Date :</b>	9/14/10
<b>Flight Number :</b>	100619
<b>Take Off Time :</b>	18.59.03 UTC
<b>Landing Time :</b>	01.49.56UTC
<b>Flight Time :</b>	6.9 Hr.
<b>Flt Request # / PI:</b>	108201 / Vasquez
<b>Purpose of Flight :</b>	<b>Data [ X ]   Ferry [   ]   Functional Check [   ]   Other [   ]</b>
<b>Aircraft Status:</b>	<b>Up [ X ]   Down [   ]</b>
<b>Sensor Payload :</b>	CAPS, PIP, DAWN, LARGE, LASE, MMS, APR-2, DAWN, and Drop-sondes operated.
<b>Comments :</b>	Conducted a survey of system PGI44 which has been upgraded to a tropical storm. Completed four planned over-flights of the center with drops and conducted an additional box pattern near the core. Dropped 21 sondes, all but two were successful. MMS maneuvers were conducted at 10,000, Mach 0.7 but were cut short as a precaution due to unexpected noise in cabin. Aircraft expected to be ready to fly at next mission opportunity.